

ARS-Former Soviet Union Program Funded Projects

ARS ID#	ISTC/ STCU/ CRDF #	Lead FSU Institute	FSU PI	Other FSU Institutes	Name(s) of ARS scientist(s)	ARS location	Title	Date proposal funded	Dur. of Proj. (mo.)	Current status
Country: Kazakhstan										
228 (ARS# 235)	K-896	JSC Institute of Experimental Biology	Toishibekov, Y. & Vasilkova, M.	Scientific Research Agricultural Institute	Blackburn, Harvey	National Center for Genetic Resources Preservation Fort Collins, CO	The conservation, management and cryopreservation of genetically diverse sheep breeds in Kazakhstan	1/1/2003	36	Completed
452 (ARS# 464)	K-1322	Institute of Industrial Biotechnology	Zhilkin, Valeri		Orts, William and Wong, Dominic	Western Regional Research Center Albany, CA	Development of the Technology for Production Refined Enzymatic Agents	7/1/2006	36	Funded
459 (ARS# 471)	K-1313	Institute of Industrial Biotechnology	Talzhonov, N., Alimkhojayev, K., Gilmanov, M.	Research Institute of the Problems of Biology and Biotechnology, Kazakh National University	Orts, William and Robertson, George	Western Regional Research Center Albany, CA	Perfection of Manufacturing Technologies of "Dried" Gluten, starch liquid and new bioregulators from wheat grain	2/1/2006	36	Funded
463 (ARS# 476)	K-1251	Institute of Industrial Biotechnology	Kenzhebeyev, V.		Weimer, Paul and Muck, Richard	US Dairy Forage Lab Madison, WI	Development of the technology for biosynthesis and production of a preparation for fermental fractionation of cellulose at coarse-stem plants siloing	8/1/2006	36	Funded
410 (ARS# 421)	K-297p	M.A. Ayt Khozhin's Institute of Molecular Biology and Biochemistry	Gilmanov, Murat	Scientific Research Agricultural Institute	Cheung, Andrew	Virus and Prion Diseases of Livestock Research Unit Ames, IA	The development of bioregulators for acceleration of growing tissue and cell cultures used in virology	3/1/2005	36	Completed

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154 (ARS# 160)	K-525p	Institute of Microbiology and Virology	Berezin, V.	Scientific Research Agricultural Institute	Fetterer, Ray (was Harry Danforth)	Animal Parastic Diseases Laboratory Beltsville, MD	ISCOMs Delivery of Recombinant Coccidial (Eimeria) Antigens	11/1/2000	72	Completed
218 (ARS# 225)	K-747p	Institute of Microbiology and Virology	Berezin, V.	Scientific Research Agricultural Institute	King, Daniel J.	Southeast Poultry Research Laboratory Athens, GA	Phylogenetic analysis of Central Asia isolates of avian/swine influenza virus and NDV paramyxovirus and enhancing of avian virus vaccination protocols using new techniques	1/1/2002	72	Completed
436 (ARS# 447)	K-1189	Institute of Microbiology and Virology	Bekmakhanova, Nadiya Ermukhanovna		Meyer, Susan, Masler, Edward & Zasada, Inga	Nematology Laboratory Beltsville, MD	Biologically active compounds from microscopic fungi for use against plant-parasitic nematodes	9/1/2005	42	Completed
183 (ARS# 190)	K-428p	Institute of Plant Physiology, Genetics and Bioengineering, NCB	Kovalchuk, I.		Reed, Barbara	National Clonal Germplasm Repository - Corvallis Corvallis, OR	Preservation of germplasm of fruit, berry cultures and grapes in Kazakhstan	11/1/2001	72	Completed
240 (ARS# 247)	K-790p	Institute of Plant Physiology, Genetics and Bioengineering, NCB	Mamonov, L. & Kalmykov, E.		Cantrell, Charles	Natural Products Utilization Research University, MS	Identification and Separation of Kazakhstan's Natural Products of Agricultural Use	1/1/2002	72	Completed
413 (ARS# 424)	K-486	Institute of Soil Science	T. Djalankuzov & O. Boiko	Scientific Research Agricultural Institute	Warren Busscher	Coastal Plain Soil, Water & Plant Conservation Research Florence, SC	Methods of Agroamelioration of Soil Strength and Fertility Problems for Irrigated Cotton Production Management on Sierozem Soil	11/1/2005	42	Completed

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138 (ARS# 143)	K-444p	Kazakh Research Institute of Ecology and Climate	Lebed, L.V., Kosinov, A.N., & Chebotar, E.	Biomedpreparat - Monitoring Lab Scientific Research Agricultural Institute	Doraiswamy, Paul	Hydrology and Remote Sensing Beltsville, MD	Moisture supply effective inspection modern technology development for spring wheat with harvest and disease damage forecasting and recommendations for protection plants on the Kazakstan territory	9/1/2001	48	Completed
451 (ARS# 463)	K-1396	Kazakh Research Institute of Ecology and Climate	Lebed, Lyubov	Scientific Research Agricultural Institute	Heilman, Philip	Southwest Watershed Research Tuscon, AZ	To restore regular monitoring of pasturelands of Kazakhstan on the basis of space and ground information in a context of profitable economic usage, decrease of paces of a desertification and stabilization of balance CO2 in atmosphere	5/1/2006	42	Funded
501 (ARS# 517)	K-1704	Research Institute for Biological Safety Problems, NCB	Zaitsev, Valentin		Hammond, Rose	Molecular Plant Pathology Lab Beltsville, MD	Development of Methods to Construct Recombinant Prophylactic Means for Sheep Pox with Use of Transgenic Plants	6/1/2009	36	Funded
142 (ARS# 148)	K-516p	Scientific Research Agricultural Institute	Mambetaliyev, M.		Rodriguez, Luis	Plum Island Animal Disease Center Orient Point, NY	Biological and Genetic Characterization of Animal Pathogens	11/1/2000	60	Completed
236 (ARS# 243)	K-374	Scientific Research Agricultural Institute	Rsaliyev, S.		Kolmer, Jim	Cereal Disease Laboratory Saint Paul, MN	Study of Natural Populations of Wheat Rust Agents in Kazakhstan	12/1/2001	66	Completed

Country: Kyrgyzstan

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567 (ARS# 585)	Kr-1593	Kyrgyz Research Institute of Livestock, Veterinary and Pastures named after A. Duysheev	Abdykerimov, Kydaybergen	Gamaleya Institute of Epidemiology & Microbiology, Russian Academy of Medical Services	Olsen, Steven	National Animal Disease Center Ames, IA	Epizootological monitoring of brucellosis and methods of its eradication in the Kyrgyz Republic	6/1/2008	36	Funded
Country: Russia										
74 (ARS# 77)	2538p	Federal Governmental Institution Federal Center for Animal Health	Drygin, Vladimir & Zakharov, V.		Rieder, Elizabeth	Foot and Mouth Disease Research, PIADC Orient Point, NY	Characterization of newly emerged foot-and-mouth disease viruses	9/1/2002	72	Completed
225 (ARS# 232)	3014p	Federal Governmental Institution Federal Center for Animal Health	Drygin, V.; Naroditsky, B.S.		Hunt, Henry	Avian Disease and Oncology Research East Lansing, MI	The development and study of recombinant adenovirus CELO caring Marek's disease virus genes as a possible gene engineering vaccine	3/1/2005	36	Completed
257 (ARS# 265)	3017	Federal Governmental Institution Federal Center for Animal Health	Irza, V., Gusev, A.		Branton, Scott; Leigh, Spencer & Evans, Jeff	Poultry Research Mississippi State, MS	Isolation and identification of Mycoplasmas, development of reliable antigen for Mycoplasmas detection and oil-based vaccines	4/1/2005	78	Funded
260 (ARS# 269)	3460	Federal Governmental Institution Federal Center for Animal Health	Borisov, V.		Darrell Kapczynski	Southeast Poultry Research Laboratory Athens, GA	Study on adjuvant properties of different substances forming inactivated vaccines against avian viral diseases	9/1/2006	36	Funded

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262 (ARS# 271)	3005	Federal Governmental Institution Federal Center for Animal Health	Starov, S.		Patti Miller	Southeast Poultry Research Laboratory Athens, GA	Detection and Characterization of Newly Emerged Newcastle Disease and Avian Influenza Viruses	6/1/2006	36	Funded
418 (ARS# 429)	3036	Russian Research Institute of Biological Plant Protection	Volkova, Galina Vladimirovna		Brown-Guedira, Gina & Kolmer, James	Plant Science and Entomology Research and Cereal Disease Lab Manhattan, KS and St. Paul, MN	Characterization of brown rust population genetics and host plant gene pool in the North-Caucasian region	10/1/2005	72	Funded
421 (ARS# 432)	3034	Russian Research Institute of Biological Plant Protection	Terekhov, Vladimir Ilich		Gulya, Thomas	Sunflower Research Fargo, ND	Sunflower phomopsis (Phomopsis (Diaporthe) Helianthi Munt.-Cvet. E.a.): Control of Epiphytotic by Using the Products of Biogenic Origin	5/1/2005	60	Funded
424 (ARS# 435)	3035	Russian Research Institute of Biological Plant Protection	Strelkov, Vladimir Denisovich		Duke, Stephen; Dayan, Franck & Baerson, Scott	Natural Products Utilization Research University, MS	Development of techniques and products to reduce herbicide impacts on crops	5/1/2005	36	Funded
469 (ARS# 483)	3289	All Russia Rice Research Institute	Mihajlovna, M. Z. & Mihajlovich, K. E.	All Russian Research Institute of Phytopathology	Dana Berner	Foreign Disease-Weed Science Research Unit Ft. Detrick, MD	Biodiversity study of the most agriculturally important weeds in the Krasnodar region of Russia & selection of fungi strains for classical and inundative biological control of these weeds	10/1/2005	72	Funded
492 (ARS# 507)	3714	Institute of Agricultural Biotechnology	Khavkin, Emil E	All Russian Research Institute of Phytopathology	Deahl, Kenneth and Richard Jones	Vegetable Laboratory Beltsville, MD	DNA Markers of Potato Genes for Late Blight Resistance	6/1/2007	36	Funded

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487 (ARS# 502)	3455	Institute of Physico-Chemical Biology, Moscow State University	Dunaevsky, Yajov Efimovich	All Russian Research Institute of Phytopathology	Oppert, Brenda, Lord, Jeffrey	ARS Grain Marketing and Production Research Center Manhattan, KS	Search for Molecular Markers of Phytopathogenesis and Study of the Role of Protein Protease Inhibitors in Pathogenesis	7/1/2006	36	Funded
86 (ARS# 89)	2089p	NARVAC Research & Development, Ivanovsky Virology Institute	Zabereshny, Alexei		Borca, Manuel and Luis Rodriguez	Plum Island Animal Disease Center Orient Point, NY	Development of a new recombinant marked live vaccine against classical swine fever	7/1/2001	72	Completed
87 (ARS# 90)	2095	NARVAC Research & Development, Ivanovsky Virology Institute	Dudnikova, Ekaterina		Witter, Dick and Fadly, Aly	Avian Disease and Oncology Lab East Lansing, MI	Epidemiology, pathogenecity of Marek's disease viruses and prospective candidate vaccines in Russia	4/1/2002	60	Completed
255 (ARS# 263)	2800p	NARVAC Research & Development, Ivanovsky Virology Institute	Vlasov, N. & Lvov, D.	All Russian Research Institute of Veterinary Virology and Microbiology Federal Governmental Institution Federal Center for Animal Health	Suarez, David	Southeast Poultry Research Laboratory Athens, GA	Influenza A viruses of pigs and birds: interaction of the populations	10/1/2004	36	Funded

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256 (ARS# 264)	2777p	NARVAC Research & Development, Ivanovsky Virology Institute	Kalnov, S.	All Russian Research Institute of Veterinary Virology and Microbiology Federal Governmental Institution Federal Center for Animal Health	Knowles, Donald and O'Rourke, Katherine	Animal Disease Research Unit Pullman, WA	Development of Diagnostics Methods for Detection of TSEs	4/1/2004	36	Funded
508 (ARS# 525)	3802	NARVAC Research & Development, Ivanovsky Virology Institute	Grebennikova, Tatyana	Federal Governmental Institution Federal Center for Animal Health	Fadly, Aly	Avian Disease and Oncology Lab East Lansing, MI	Study of Distribution of Neoplastic Diseases of Retroviral Etiology of Birds in Commerical in Poultry Farms of Russian Federation	1/1/2008	36	Funded
551 (ARS# 570)	3940	NARVAC Research & Development, Ivanovsky Virology Institute	Zaberezhny, Alexei	All Russian Research Institute of Veterinary Virology and Microbiology	Lager, Kelly; Vincent, Amy; Richt, J.; Kehrl, M.	National Animal Disease Center Ames, IA	Control of influenza A virus infection	5/1/2009	36	Funded
88 (ARS# 91)	1996p	All Russian Research Institute of Phytopathology	Dzhavakhiya, V. & Starodubtseva, A.		Masler, Edward	Nematology Laboratory Beltsville, MD	Discovery of active molecules from natural products for the control of plant parasitic nematodes	7/1/2001	72	Completed

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96 (ARS# 100)	1995p	All Russian Research Institute of Phytopathology	Mozhaeva, K.		Domier, Leslie	Soybean/Maize Germplasm, Pathology, and Genetics Research Urbana, IL	Viral diseases in small grain crops (barley yellow dwarf virus)	3/1/2001	48	Completed
211 (ARS# 218)	1771p	All Russian Research Institute of Phytopathology	Matveeva, E.		Schaad, Norman	Foreign Disease-Weed Science Research Fort Detrick, MD	Creation and preservation of the genofond of the Russian phytopathogenic bacterium population	3/1/2001	51	Completed
237 (ARS# 244)	2682p	All Russian Research Institute of Phytopathology	Aver'yanov, A.		Baker, C.J.	Molecular Plant Pathology Laboratory Beltsville, MD	Prooxidant/Antioxidant State of Infective Drop as Related to Plant Disease Resistance	7/1/2003	60	Completed
259 (ARS# 268)	2472p	All Russian Research Institute of Phytopathology	Sanin, S. & Ibragimov, T.	All Russian Institute for Plant Protection Russian Research Institute of Biological Plant Protection	Chen, Xianming	Wheat Genetics, Quality Physiology and Disease Research Pullman, WA	Determination of epidemiological factors and control of fungal disease complex on cereal crops in Russia using biotechnology and information technology	8/1/2002	78	Completed
363 (ARS# 374)	3215p	All Russian Research Institute of Phytopathology	Kvasnyuk, N.		Deahl, Kenneth	Vegetable Laboratory Beltsville, MD	Study of sources of initial infection of potato by Phytophthora infestans for the purpose of improving the method of forecasting disease appearance in conditions of sexual and asexual development of pathogen	7/1/2005	42	Completed
437 (ARS# 448)	3052p	All Russian Research Institute of Phytopathology	Shcherbakova, Larisa		Fravel, Deborah	Vegetable Laboratory Beltsville, MD	The Role of Metabolites from Non-Pathogenic Fusarium isolates in Biocontrol and Pathogenesis of Cereal Root Rots and Fusarium Wilt of Tomato	9/1/2004	36	Completed
461 (ARS# 473)	3352	All Russian Research Institute of Phytopathology	E. Kovalenko		Harold E. Bockelman	National Small Grains Collection Aberdeen, Idaho	Creation of germplasm of wheat donors and sources resistant to several harmful pathogens	1/1/2006	72	Funded

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462 (ARS# 474)	3431	All Russian Research Institute of Phytopathology	Ignatov, Alexander		Schaad, Norman	ARS Foreign Disease-Weed Science Research Fort Detrick, MD	Collection, identification, characterization, and preservation of Russian population of phytopathogenic bacteria	6/1/2006	72	Funded
464 (ARS# 477)	3681	All Russian Research Institute of Phytopathology	Sanin, Sergey		Goodwin, Steve	Crop Production and Pest Control Research West Lafayette, IN	Septorioses of Cereals in Russia (Population Structure, Epidemiology, Control)	5/1/2007	36	Funded
476 (ARS# 491)	3468	All Russian Research Institute of Phytopathology	Kastalyeva, Tatyana		Owens, Robert & Ing-Ming Lee	Molecular Plant Pathology Laboratory Beltsville, MD	Viroid and Phytoplasma Diseases Affecting Potato Production in Russia	6/1/2006	60	Funded
489 (ARS# 504)	3978	All Russian Research Institute of Phytopathology	Dzhavakhiya, V.		Schaad, Norman	Foreign Disease-Weed Science Ft. Detrick, MD	Establishment of a molecular diagnostics lab in the Russian Research Institute of Phytopathology for disease diagnosis and identification of fungal, bacterial and viral germplasm in the State collection	8/1/2009	36	Funded
494 (ARS# 509)	3745	All Russian Research Institute of Phytopathology	Shcherbakova, Larisa and Khomutov, Radii		Campbell, Bruce	WRRC Albany, CA	Reducing fungal infection and mycotoxin biosynthesis using new, safe approaches that target polyketide synthase and antioxidative stress-response systems.	7/1/2007	36	Funded
499 (ARS# 515)	3721	All Russian Research Institute of Phytopathology	Petelina, Galina		Chitwood, Dave & Zafar Handoo	Nematology Laboratory Beltsville, MD	The identification of plant-parasitic nematodes from the National Russian Collection of Nematodes by molecular methods, including the creation of a database of molecular, morphological and other properties	5/1/2007	36	Funded
60 (ARS# 63)	1839p	State Research Center for Applied Microbiology	Biketov, Sergei F. & Zaberezhny, A.	NARVAC Research & Development, Ivanovsky Virology Institute	Lager, Kelly (was William Mengeling who retired)	Virus and Prion Diseases of Livestock Research Unit Ames, IA	Development of a new recombinant marked attenuated vaccine against porcine reproductive and respiratory syndrome	6/1/2000	72	Completed

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119 (ARS# 123)	2332p	State Research Center for Applied Microbiology	Koretskaya, Nina G.		Martin, Phyllis	Insect Biocontrol Laboratory Beltsville, MD	Protein engineering of <i>Bacillus thuringiensis</i> insecticidal proteins	4/1/2002	45	Completed
124 (ARS# 128)	2336p	State Research Center for Applied Microbiology	Kolombet, L.V.	Russian Research Institute of Biological Plant Protection	Schisler, David	Crop Bioprotection Research Peoria, IL	Development of the technology for producing and application of biocontrol agent effective against <i>Fusarium</i> ear scab of wheat and other cereals	4/1/2002	42	Completed
125 (ARS# 129)	2338p	State Research Center for Applied Microbiology	Likhovidov, Vladimir E.		Humber, Richard & Gibson, Donna	Plant Protection Research Ithaca, NY	Studies and evaluation of entomopathogenic fungi as new biopesticides producers	4/1/2002	72	Completed
417 (ARS# 428)	3107p	State Research Center for Applied Microbiology	Dunaistev, Igor		Scagel, Carolyn	Horticultural Crops Research Corvallis, OR	Direct microbiological mobilization of phosphates from phosphate ore materials: application of agriculture and industry needs	3/1/2005	36	Completed
54 (ARS# 57)	1720p	State Research Center for Applied Microbiology and Biotechnology	Svetoch, Edward A.		Stern, Norman	Poultry Microbiological Safety Research Athens, GA	Microbial antagonists and Lysing Phages to be used for control campylobacter colonization in broiler chickens	4/1/2000	72	Completed
394 (ARS# 405)	3108p	State Research Center for Applied Microbiology and Biotechnology	Zhilentov, E. L., Svetoch, E.		Seal, Bruce (formerly Siragusa, Gregory)	Poultry Microbiological Safety Research Athens, GA	Isolation, characterization and application of lytic bacteriophage (or other microbial antagonists) against <i>Clostridium perfringens</i> associated with necrotic enteritis in poultry production to reduce human foodborne <i>C. perfringens</i> disease.	2/1/2005	42	Funded

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484 (ARS# 499)	3571	State Research Center for Applied Microbiology and Biotechnology	Igor V. Abaev		David Donovan	Animal Biosciences and Biotechnology Lab Beltsville, MD	Isolation and Characterization of Novel Antimicrobials Against Staphylococcus aureus: bacteriophage endolysins	12/1/2006	36	Funded
507 (ARS# 524)	3445	State Research Center for Applied Microbiology and Biotechnology	Svetoch, Edward		Stern, Norman and Line, Eric	Poultry Microbiological Safety Research Unit Athens, GA	Bacteriocin production and field trials for treating Campylobacter jejuni and Salmonella spp. in Broilers	7/1/2006	30	Funded
261 (ARS# 270)	2625p	Saint Petersburg State University, Geography and Geocology Faculty	Afonin, A., Frolov, A. & Dzyubenko, N.	All Russian Institute for Plant Protection N.I. Vavilov All Russian Institute for Plant Industry	Greene, Stephanie	Plant Germplasm Introduction and Testing Research Prosser, WA	Development of a GIS-based interactive agricultural atlas to promote food security in the former Soviet Union	1/1/2003	36	Funded
213 (ARS# 220)	1975.2p	Research Center of Toxicology and Hygienic Regimentation of Biopreparations	Denisov, A.		Stern, Norman	Poultry Microbiological Safety Research Athens, GA	Development of Lactobacillus spp. Synthesizing Tumor Necrosis Factor – β to Control Enteropathogens in Farm Animals	10/1/2002	36	Completed
277 (ARS# 286)	1976p	Research Center of Toxicology and Hygienic Regimentation of Biopreparations	Onatsky, N.	FGUP - GosNII Genetika	Oppert, Brenda & Martin, Phyllis	(1) Biological Research (2) Insect Biocontrol Lab (1) Manhattan, KS (2) Beltsville, MD	New generation insecticidal preparation of extended host range on the basis of Bacillus thuringiensis	9/1/2002	33	Completed
29 (ARS# 29)	1883p	State Research Center for Virology and Biotechnology	Voevoda, Mikhail & Romashchenko, A.	Institute of Cytology & Genetics SD RAS	Laegreid, Will	Animal Health Research Clay Center, NE	Evaluation of the effects of allelic variation of bovine cytokine and other related genes on susceptibility to chronic infectious diseases	10/1/2000	27	Completed

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70 (ARS# 73)	1881p	State Research Center for Virology and Biotechnology	Blinov, Vladimir M. & Konstantinovich, L.	Siberian Institute of Plant Physiology & Biochemistry	Swayne, David & Suarez, David	Southeast Poultry Research Laboratory Athens, GA	Search for, isolation and characterization of avian influenza viruses on birds in their natural habitats and stopover areas in Western Siberia and Kyrgystan during migration to South China	10/1/2000	24	Completed
153 (ARS# 159)	2176p	State Research Center for Virology and Biotechnology	Shchelkunov, S. & N. Rekoslavskaya		Hammond, Rosemarie	Molecular Plant Pathology Laboratory Beltsville, MD	Development of edible vaccines using transgenic plants	10/1/2001	78	Completed
448 (ARS# 460)	3329	All Russian Institute for Plant Protection	Gavrilenko, Tatiana	N.I. Vavilov All Russian Institute for Plant Industry	Spooner, David	Vegetable Crops Research Unit Madison, Wisconsin	Genome evolution and potato taxonomy studied by in-situ hybridization and characterization of the Russian National Collection of Cultivated Potato Species by microsatellites and morphology.	2/1/2006	60	Funded
Country: Tajikistan										
478 (ARS# 493)	T-1419	Chemistry Institute of Tajikistan Academy of Sciences	Muhydinov, Zayniddin		Liu, LinShu	Eastern Regional Research Center Wyndmoor, PA	Development and Evaluation of Pectin-Protein Formulations for Colon-Specific Drug Delivery	9/1/2006	36	Funded
479 (ARS# 494)	T-1420	Chemistry Institute of Tajikistan Academy of Sciences	Muhydinov, Zayniddin		Fishman, Marshall	Eastern Regional Research Center Wyndmoor, PA	Development of a New Method for the Production of Pectin	9/1/2006	36	Funded
496 (ARS# 511)	T-1436	Chemistry Institute of Tajikistan Academy of Sciences	Isobaev, Muzafar		Larsen, Gerald	Bioscience Research Laboratory Fargo, ND	The synthesis of bioactive environmental or agricultural chemicals found in or used in the production of foods to ensure food safety	6/1/2007	36	Funded
Country: Ukraine										

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559 (ARS# 578)	P-382	Institute of Experimental and Clinical Veterinary Medicine	Krasnikov, Gennadiy Andreevich		Lillehoj, Hyun	Animal Parastic Diseases Laboratory Beltsville, MD	Investigation of Cellular and Molecular Mechanisms of Mucosal Innate Immunity and New Control Strategies Development to Avian-Influenza-Virus	4/1/2009	24	Funded
Country: Uzbekistan										
449 (ARS# 461)	31001/P-293	Cotton Breeding Institute	Namozov, S.; Golubenko, Z.; Haitov, V.	Inst. Of Bioorganic Chem.	Stipanovic, Robert & Bell, A.	Southern Plains Agricultural Research Center College Station, TX	Development of Cottonseed with High-Levels of (+)- Gossypol as a feed for non-ruminant animals	4/1/2008	36	Funded
273 (ARS# 282)	P-117	Institute of Bioorganic Chemistry	Abdukakharov, V.		Bartelt, Robert & Cosse, Allard	Crop Bioprotection Research Peoria, IL	Discovery, synthesis and evaluation of new pheromones for insect pests in Uzbekistan	12/1/2002	36	Completed
326 (ARS# 337)	P-115	Institute of Bioorganic Chemistry	Golubenko, Z.		Stipanovic, Robert	Cotton Pathology Research College Station, TX	Characterization of Phytoalexins from the Malvaceae in Uzbekistan	12/1/2002	51	Completed
435 (ARS# 446)	P-181/31004	Institute of Bioorganic Chemistry	Bakhtiyar Ibragimov	Institute of Plant Substances Chemistry, PPI	Dowd, Michael	Commodity Utilization Research, SRRC New Orleans, LA	Structure, Chemistry and Biological Activity of Gossypol Related Compounds from Cottonseed Glands.	5/1/2005	36	Completed
497 (ARS# 512)	31009	Institute of Bioorganic Chemistry	Veshkurova, Olga	Samarkand Vet. Inst.	Laird, David	National Soil Tilth Research Lab Ames, Iowa	Development of a Bentonite Feed Additive to Prevent Gossypol and Aflatoxin Toxicity in Poultry	8/1/2008	36	Funded
292 (ARS# 303)	P-144	Institute of Genetics and Experimental Biology of Plants	Ahmedov, M.		Triplett, Barbara	Cotton Structure and Quality Research Unit New Orleans, LA	Novel methods to produce cotton somatic embryos from gossypium hirsutum and other species	11/1/2004	36	Completed

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293 (ARS# 304)	P-120	Institute of Genetics and Experimental Biology of Plants	Abdurakhmonov, I.		(1) Saha, Sukamar (2) Kohel, Russell , Yu, John	Crop Science Research Lab Mississippi State, MS	Molecular mapping of fiber quality genes using Uzbek cotton germplasm resources	2/1/2003	72	Completed
295 (ARS# 306)	P-121	Institute of Genetics and Experimental Biology of Plants	Abdurakhmonov, I.		Saha, Sukamar	Crop Science Research Lab Mississippi State, MS	Characterization and molecular mapping of phytochromes and flowering genes in cotton	2/1/2003	72	Completed
297 (ARS# 308)	P-129	Institute of Genetics and Experimental Biology of Plants	Shadmanov, R.		Scheffler, Jodi	Crop Genetics and Production Research Stoneville, MS	Improvement of cotton and other crop varieties on tolerance to wilt, salinity, drought, increasing earliness and fiber quality	10/1/2003	36	Completed
324 (ARS# 335)	P-119	Institute of Genetics and Experimental Biology of Plants	Abdukirimov, Khamraev, Usmonov & Sagdiev	Institute of Zoology	Greenstone, Matt; Slack, Jeff , Gundersen-Rindal, Dawn & Hammock, B. (UCD)	Insect Biocontrol Laboratory Beltsville, MD	Development of Baculovirus-based Pesticide Technology in Uzbekistan	2/1/2003	36	Completed
521 (ARS# 538)	31017	Institute of Genetics and Experimental Biology of Plants	Buriev, Zabardast		Saha, Sukumar; Jenkins, Johnnie	Crop Science Research Lab Mississippi State, MS	Evaluation of potential germplasm resistance against root-knot nematode and Fusarium wilt diseases in cotton and development of SNP-based candidate gene markers	4/1/2009	36	Funded
525 (ARS# 542)	31016	Institute of Genetics and Experimental Biology of Plants	Alisher Abdullaev		Maurico Ulloa	Western Integrated Cropping Systems Research Unit Shafter, CA	Molecular mapping of quantitative trait loci associated with Fusarium wilt disease (Fusarium oxysporum f.sp. Vasinfectum) of cotton and cotton germplasm improvement	4/1/2009	36	Funded
403 (ARS# 414)	P-226	Institute of Microbiology	Khodjibaeva, S.	Institute of Chemistry of Plant Compounds	Stipanovic, Robert and C.R. Howell	Cotton Pathology Research College Station, TX	Biological control of verticillium wilt in cotton	9/1/2005	36	Completed

ARS ID#	ISTC/ STCU/ CRDF #	Lead FSU Institute	FSU PI	Other FSU Institutes	Name(s) of ARS scientist(s)	ARS location	Title	Date proposal funded	Dur. of Proj. (mo.)	Current status
276 (ARS# 285)	P-122/31002	Institute of Zoology	Khamraev, A.		Lax, Alan (formerly Ashok Raina)	Formosan Subterranean Termite Research Unit New Orleans, LA	Development of a termite treatment system against the Turkestan termite, a major risk to cultural heritage in Central Asia	10/1/2003	36	Funded
325 (ARS# 336)	P-114	Institute of Zoology	Azimov & Kuchbaev, A.E.	Institute of Physiology & Biophysics	Hoberg, Eric	Animal Parasitic Diseases Laboratory Beltsville, MD	Populational Ecology and Systematics of the family protostrongylidae, the parasites of bovidae	2/1/2003	36	Completed
466 (ARS# 480)	P-225	Scientific Centre of Plant Production "Botanika"	Shomurodov, Habibullo	Institute of Microbiology	Baker, Jeff	Cropping Systems Research Laboratory Lubbock, Texas	Research on Sand Stabilization Techniques	9/1/2005	36	Completed
323 (ARS# 334)	P-116	Uzbekistan National Cotton Growing Research Institute	Kamilov, Ibragimov, N. & Butaev, M.	Uzbek Scientific Research Institute of Veterinary	Evett, Steve & Howell, Terry & Purdy, Charles	Soil and Water Management Research Unit Bushland, TX	Improving Water Use Efficiency and Water Quality in Uzbekistan	4/1/2003	36	Completed
304 (ARS# 315)	P-105	Uzbek Scientific Institute of Crop Protection	Marupov, A.	Institute of Genetics and Experimental Biology of Plants	Stipanovic, Robert	Cotton Pathology Research College Station, TX	Studying the intra-species variability of different geographical populations of Verticillium dahliae and Fusarium oxysporum f.sp. Vasinfectum and those aggressiveness in respect to new developed varieties of cotton in cotton-wheat seeding rotation	2/1/2005	36	Completed
498 (ARS# 513)	31021	Uzbek Scientific Research Institute of Veterinary	Butaev, Mahmud	Institute of Bioorganic Chemistry	Purdy, Charles	Conservation & Production Research Laboratory Bushland, Texas	Identification of Mannheimia (Pasteurella) haemolytica Serotypes in Cattle, Sheep, and Goats of Uzbekistan and to develop an Effective Mannheimia Haemolytica (Mh) Pneumonia Vaccine for Cattle and the Test the vaccine on Farm Cattle	7/1/2009	36	Funded